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(54) Title: METHODS FOR RELATIVE QUANTIFICATION OF SPECIFIC NUCLEIC ACID SEQUENCES

(57) Abstract: This invention relates generally to a method for quantifying the number of occurrences of a specific nucleic acid sequence within a nucleic acid sample in order to circumvent the shortcomings of the methods currently available and to provide reliable quantification of a specific nucleic acid sequence within a nucleic acid sample. The present invention provides a method of assessing an amount of a known target nucleic acid sequence in a sample comprising co-amplifying said target nucleic acid sequence and a known amount of a known control nucleic acid sequence to produce respective target and control amplicons, wherein said control nucleic acid sequence is different than said target nucleic acid sequence; and determining relative amounts of said respective amplicons by determining relative quantities of a primer extension reaction using each of said respective amplicons as a template.



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